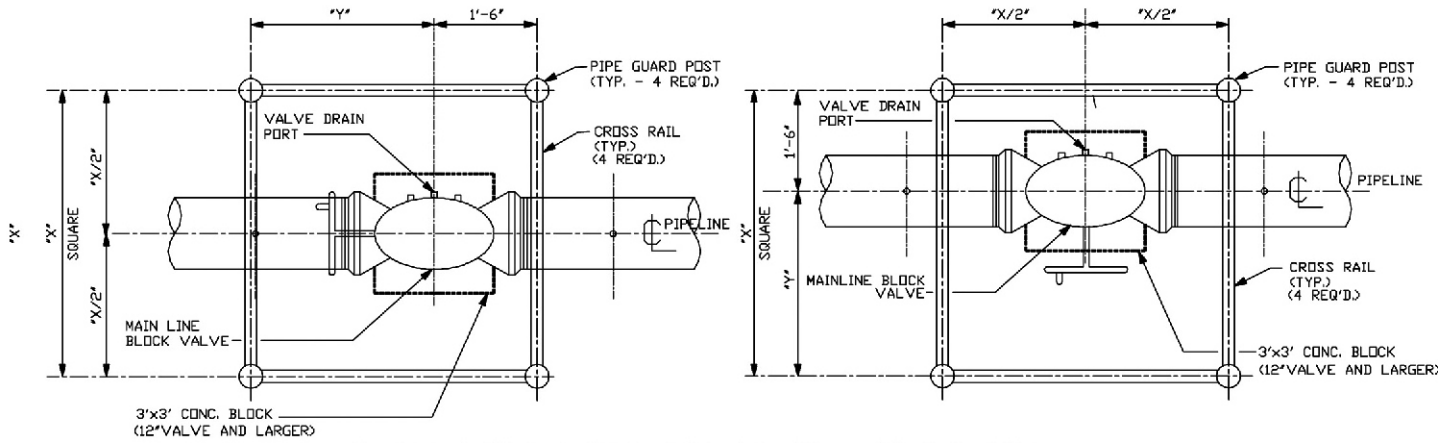
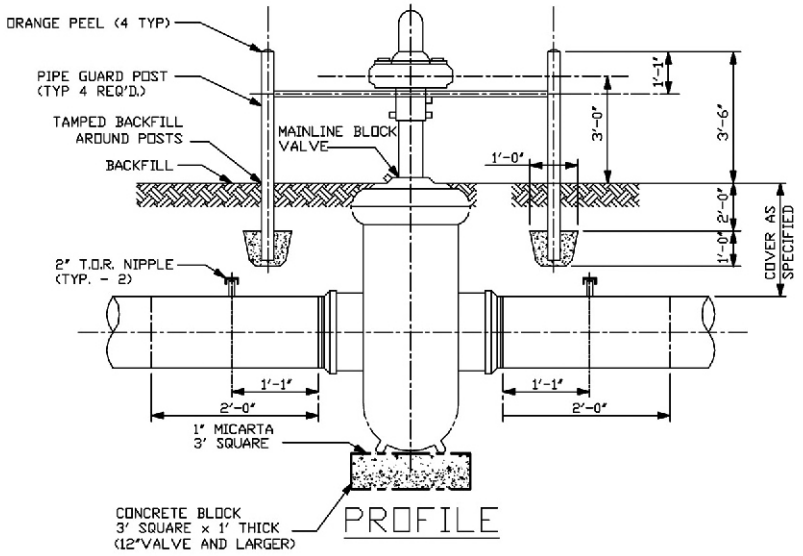


PLAN VIEW "A" OR PLAN VIEW "B"

Valve Size	"X"	"Y"	Post Size	Cross Size
6"	5'-0"	3'-6"	4"	2"
8"	5'-0"	3'-6"	4"	2"
10"	5'-0"	3'-6"	4"	2"
12"	5'-0"	3'-6"	4"	2"
14"	6'-0"	4'-6"	6"	3"
16"	6'-0"	4'-6"	6"	3"
20"	6'-0"	4'-6"	6"	3"
24"	7'-0"	5'-6"	6"	3"



PROFILE

NOTES

1. Valve locations as shown on route map.
2. Pressure taps are to be installed on both sides of main line valve as shown on detail 'P3' this drawing.
3. Valves to be furnished taper-bored to match pipeline.
4. Underground portion of valve will be furnished with one coat of 'Koppers Jet Set Primer'. CONTRACTOR shall clean valve, then apply two (2) coats of Koppers Bitumastic 300-M Coal Tar Epoxy to a minimum thickness of 10 mils per coat, per OWNER's Spec. C-701 and as instructed by Manufacturer.
5. Underground portion of guard posts to 6' above finished grade shall be coated with two (2) coats of Koppers 300-M Coal Tar Epoxy or wrapped with 2" wide plastic tape.
6. Above ground portion of valve and guard posts to receive one (1) coat of primer and two (2) coats of Safety yellow.(Valspar Corp. or Don Edwards Industrial, code 10/14)
7. Pipeline CONTRACTOR to furnish all concrete, pipe, coating, pvc pipe,micarta and paint.
8. OWNER to furnish , mag anodes, bond cable and E.T.S. material, CONTRACTOR shall install in accordance with detail 'E1' this drawing.
9. Any wood forms or organic material must be removed before backfilling trench.
10. Guard post & cross rail size and 'x' & 'y' dimensions see table below.
11. For anode installation see drawing B-100-047C.

SFPP
Concord-Sacramento Pipeline

Figure B-4
Typical Mainline Valve for Gear Operator

Aspen Environmental Group

Source: SPEC Services, Inc., 2002